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File: DWPI

Sep 4, 2000

DERWENT-ACC-NO: 2001-006514

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TITLE: Data stream transmission between PC and its peripheral device, involves forwarding stored replay digital signal to host controller, when subsequent original outgoing signal is identical to original outgoing signal

ABTX:

DETAILED DESCRIPTION - The outgoing digital signal output from a host controller is input to the local expander unit. The digital signal is converted to outgoing signal which is suitable for transmission over extended distances. The converted outgoing signal is transmitted as an outgoing transmission signal to a signal distribution system. The output of signal distribution system is input to remote expander unit which converts the transmission signals to original outgoing digital signal. A peripheral device outputs a reply digital signal based on output of remote expander. The reply digital signal is transmitted as reply transmission signal to signal distribution system. An INDEPENDENT CLAIM is also included for apparatus for transmission of digital signal over an extended distance.